

1AP7 Rec'd PCT/PTO 24 MAY 2006  
10/580478

**UNITED STATES PATENT APPLICATION TRANSMITTAL FORM**

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Attention: DO/EO/US

Docket No.: 20030945-2

Customer No.: 27623

Dear Sir:

Transmitted herewith for filing is the patent application of

Applicant(s): Gerd LUEDKE and Andreas RUEFER

For: MIXING OF FLUIDS

International Application No.: PCT/EP2004/050051

International Filing Date: 29 January 2004

**ENTERING OF U.S. NATIONAL STAGE UNDER 35 U.S.C. §371**

Transmitted herewith for filing are the following documents submitted under 37 C.F.R. §1.495(b) for the purpose of entering the national stage in the United States of America as an elected office. Enclosed are:

XXXX Specification (14 pps.) consisting of: Description (9 pps.); Claims (4 pps.) and Abstract (1 page);

\_\_\_\_\_ Declaration and Power of Attorney;

XXXX 2 sheet of drawings;

\_\_\_\_\_ Preliminary Amendment;

\_\_\_\_\_ An Assignment of the invention to: \_\_\_\_\_,  
including \$40.00 recordation fee and recordation cover sheet;

XXXX Information Disclosure Statement with copies of patent(s) (Form - PTO-1449);

\_\_\_\_\_ The undersigned attorney has verified that the applicant is entitled to a Small Entity Status;

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**XXXX** Priority of application Serial No. **PCT/EP2004/050051**, filed on **29 January 2004** is claimed under 35 U.S.C. §119 and 35 U.S.C. §365;

**XXXX** Cover page of published PCT Publication No. **WO 2005/075062**;

\_\_\_\_\_ Copy of International Preliminary Examination dated \_\_\_\_\_;

\_\_\_\_\_ Copy of PCT Demand Under Article 31; and

**XXXX** Copy of International Search Report dated 1 October 2004.

\_\_\_\_\_ Copy of Written Opinion.

\_\_\_\_\_ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are transmitted herewith.

The Filing Fee is calculated below.

| CLAIMS AS FILED  |                     |                       |             |                              |
|--|---------------------|-----------------------|-------------|------------------------------|
| (1)<br>For   | (2)<br>Number Filed | (3)<br>Number Extra   | (4)<br>Rate | (5)<br>Basic Fee<br>\$300.00 |
| Total Claims   | 13 - 20 =           | 0                     | x \$50.00   | \$0.00                       |
| Independent Claims   | 3 - 3 =             | 0                     | x \$200.00  | \$0.00                       |
| Multiple Dependent Claim Fee   |                     | 0 x \$360.00 = \$0.00 |             |                              |
| <b>SEARCH FEE</b>  |                     | <b>\$500.00</b>       |             |                              |
| <b>EXAMINATION FEE</b>   |                     | <b>\$200.00</b>       |             |                              |
| <b>NATIONAL STAGE APPLICATION SIZE FEE<br/>(\$250 FOR EACH ADDITIONAL<br/>50 SHEETS OVER 100 SHEETS)</b> |                     | <b>\$</b>             |             |                              |
| <b>TOTAL FILING FEE</b>  |                     | <b>\$1,000.00</b>     |             |                              |
| <b>1/2 FILING FEE FOR SMALL ENTITY</b>   |                     | <b>\$</b>             |             |                              |

**XXX** Firm's check in the amount of \$1,000.00 to cover the filing fee;

**XXX** The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

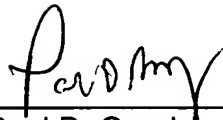
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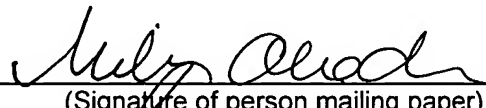
Dated: May 24, 2006

  
\_\_\_\_\_  
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**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Certificate No. **EV803119814US**, service under 37 CFR §1.10 and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Attn: DO/EO/US on May 24, 2006.

Marilyn Alexander  
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(Typed name of person mailing paper)

  
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(Signature of person mailing paper)